Author and Subject Index to Volume 22

Aβ deposits 527
Acquired immunodeficiency syndrome 293, 394
Adhalin 30
Ageing 531
Aguzzi A. see Isenmann S.
Aguzzi A. see Steinbach J.P.
Albrecht S. see Koch A.
Allen I.V., McQuaid S., McMahon J., Crangle K. & McConnell R. The expression of the endothelial cell antigen CD34 in demyelinating disease 101
Aloe L. see De Simone R.
Alzheimer's disease 3, 216, 334, 342, 514, 521
Alzheimer's neurofibrillary tangles 440
Amor S. see Butt A.M.
Amyelination 77
Amyloid angiopathy 521
Amyloid B 3
Amyloid B-protein 514
Amyotrophic lateral sclerosis 173
Anti-calbindin D-28k 361
AP-1 483, 488
Apolipoprotein E 334, 342, 515
Apoptosis 23, 394, 488, 493
Arachnoid villi 325
Armstrong D. see Boulton M.
Armstrong R.A. Correlations between the morphology of diffuse and primitive β-amyloid (A;β) deposits and the frequency of associated cells in Down's syndrome 527
Astrocyte 17, 136, 243
Astrocytic tumours 311
Autoimmune deficiency syndrome 388
Avellan-Adalid V. see Tenenbaum L.
Axon regeneration 434
Axonal injury 518
Axonal targeting 361
Axonopathy 269
β-amyloid 216
β-amyloid plaques 334
Baba S. see Kondo A.
Bacillus Calmette-Guérin 44
Baeta A.M. see Putzu G.A.
Bancher C. see Jellinger K.
Barrie J.M. see Dickinson P.J.
Baudrimont M. see Chrétien F.
Belec L. see Chretien F.
Bell J.E. see Ironside J.W.
Bentivoglio M. see Kristensson K.
Biomechanics 513
Blakemore W.F. see Targett M.P.
Blood–brain barrier 101
Boiling 256
Boner J. see Isenmann S.
Book reviews
Current Concepts in Parkinson's Disease 264
Disorders of Voluntary Muscle 264
Medical Neurosciences 265
Regulation of Cellular Signal Transduction Pathways by Desensitization and Amplification 266
Bornemann A., Hansen F.J. & Schmalbruch H. Nerve and muscle biopsy in a case of hereditary motor and sensory neuropathy type III with basal lamina onion bulbs 77
Boulton M., Young A., Hay J., Armstrong D., Flessner M., Scwhartz M. & Johnston M. Drainage of CSF through lymphatic pathways and arachnoid villi in sheep: measurement of ^{125}I-albumin clearance 325
Boxing 12
Bradley W.G. see Nagano I.
Brain
neoplasms 548
parenchyma 44
sheep 325
stem 136
trauma 513
Brandner S. see Isenmann S.
Bridges L.R. see Chakrabarty A.
Brotchi J. see Salmon I.
Bruck W. see Bruck Y.
Bruck Y., Bruck W., Kretzschmar H.A. & Lassmann H. Evidence for neuronal apoptosis in pontosubicular neuron necrosis 23
Bruijn L.I. & Cleveland D.W. Review. Mechanisms of selective motor neuron death in ALS: insights from transgenic mouse models of motor neuron disease 373
Budka H. & Hainfellner H.A. Meeting report. The human prion diseases: neuropathology, pathobiology and molecular genetics 171
Butt A.M., Tutton M.G., Kirvell S.L., Amor S. & Jenkins H.G. Morphology of oligodendrocytes during demyelination in optic nerves of mice infected with Semliki forest virus 540
c-fos 521
c-Jun 521
Calbindin D-28 k 293
Calcium-binding protein 293
Camby I. see Salmon I.
Campbell K.P. see Cullen M.J.
Cavanagh J.B. Obituary for Dr Derek Richter 370
CD34 101
Cell
cultures 60
cycle 60
lines 87
Central nervous system 54, 469
development 108, 118, 469
inflammation 101
Cerebral amyloid angiopathies 216
Cerebral haemorrhage 216

© 1996 Blackwell Science Ltd

Chakrabarty A., Bridges L.R. & Gray S. Cyclin D1 in astrocytic tumours: an immunohistochemical study 311
Child abuse 513
Choroid plexus 44
Chrétien F., Belec L., Hilton D.A., Flament-Saillour M., Guillon F., Wingertsmann L., Baudrimont M., de Truchis P., Keohane C., Vital C., Love S. & Gray F. Review. Herpes simplex virus type 1 encephalitis in acquired immunodeficiency syndrome 394
Cimetidine 317
Classification, blunt head injury 505
Cleveland D.W. see Bruijn L.I.
CNS-PNS transition zone 434
Compston D.A.S. see Targett M.P.
Confocal microscopy 243
Cooper P.N., Siddons C.A. & Mann D.M.A. Patterns of glial cell activity in fronto-temporal dementia (lobar atrophy) 17
Coria F. & Rubio I. Review. Cerebral amyloid angiopathies 216
Cortex 527
Crangle K. see Allen I.V.
Creutzfeldt-Jakob disease 259, 285, 388, 446
Crow T.J. Obituary for Clive J. Bruton 465
CSF drainage 325
Cu/Zn superoxide dismutase 373
Cullen K.M. & Halliday G.M. Letter to the Editor: reply 85
Cullen M.J., Walsh J., Roberds S.L. & Campbell K.P. Ultrastructural localization of adhalin, α-dystroglycan and merosin in normal and dystrophic muscle 30
Cyclin D1 311
Cyropreservation 548
Cystatin C 216
Cytokines 334
Cytomegalovirus encephalitis 394

Danguy A. see Salmon I.
Dastur D.K. see Kristensson K.
De Simone R., Micera A., Tirassa P. & Aloe L. mRNA for NGF and p75 in the central nervous system of rats affected by experimental allergic encephalomyelitis 54
de Truchis P. see Chrétien F.
Degeneration 108, 118
Dejerine-Sottas disease 269
Delayed neuronal death 350
Demyelination 101, 199, 268, 540
Dendritic branching 361
Denervation-devascularization 248
Developing brain 489
Diagnosis 228
Dickinson P.J., Fanarraga M.L., Griffiths I.R., Barrie J.M., Kyriades E. & Montague P. Oligodendrocyte progenitors in the embryonic spinal cord express DM-20 188
Differentiation 108, 188, 302, 469
Diffuse axonal injury 505
Diprose M.R. see Taylor D.M.
Division 87
DNA fragmentation 23
Dog 531
Dogusan Z. see Tenenbaum L.
Dorsal root ganglia 293
Down's syndrome 527
Duchenne dystrophy 30
Duncan I.D. Review. Glial cell transplantation and remyelination of the central nervous system 87
Dystrophin 30, 248

Electron microscopy 531
Excitotoxic cascade 498
Experimental allergic encephalomyelitis 54

Fanarraga M.L. see Dickinson P.J.
Ferrari S. see Passarin M.G.
Ferrer I., Segui J. & Planas A.M. Amyloid deposition is associated with c-Jun expression in Alzheimers's disease and amyloid angiopathy 521
Figarella-Branger D. see Putzu G.A.
Finn P.E., Purnell P. & Pilkington G.J. Effect of histamine and the H2 antagonist cimetidine on the growth and migration of human neoplastic glia 317
Flament-Saillour M. see Chrétien F.
Flessner M. see Boulton M.
Forensic considerations 513
Fos 489
Fronto-temporal dementia 17
Fujimori O. see Mitake S.

Gai W.P., Zhou X.F. & Rush R.A. Analysis of low affinity neurotrophin receptor (p75) expression in glia of the CNS-PNS transition zone following dorsal root transection 434
Gatherer M. see Mitchell J.
Geddes J.F., Vowles G.H., Robinson S.F.D. & Sutcliffe J.C. Neurofibrillary tangles, but not Alzheimer type pathology, in a young boxer 12
Genetics 515
GFAP 301
Giannini C. see Passarin M.G.
Gjata B. see Lefaucher J.-P.
Glial cells 199, 434, 527
Glioma 317, 547
Gliosis 136
Graeber M.B. & Muller U. Meeting report. Second Workshop Neurogenetics/ German Society of Neurogenetics 169
Graft rejection 118
Gray F. see Chrétien F.
Gray S. see Chakrabarty A.
Griffin W.S.T. see Sheng J.G.
Griffiths I.R. see Dickinson P.J.

Growth factors 483
Guillon F. see Chrétien F.
Hainfellner H.A. see Budka H.
Halliday G.M. see Cullen K.M.
Halliday G.M. see McRitchie D.A.
Hansen F.J. see Bornemann A.
Hay J. see Boulton M.
HCNP 440
Head injury 12
Heat shock proteins 350
Heinrich B. see Tauer U.
Hereditary motor and sensory neuropathy 269
Herpes simplex virus encephalitis 394
High risk 388
Hilton D.A. see Chrétien F.
Hippocampal cholinergic neurostimulating peptide 440
Hippocampus 129, 350, 440, 527
Hirai H. see Kondo A.
Hirai T., Kojima S., Shimada A., Umemura T., Sakai M. & Itakura C. Age-related changes in the olfactory system of dogs 531
Hirano A. Obituary for Harry M. Zimmerman 82
Hirano bodies 440
Histamine 317
Histochemistry 207
HMSN III 77
Hooghe-Peters E.L. see Tenenbaum L.
Horsburgh K. & Nicoll J.A.R. Selective alterations in the cellular distribution of apoliprotein E immunoreactivity following transient cerebral ischaemia in the rat 342
Hyperbaric oxygenation 350
Human glial cells 199
Human immunodeficiency syndrome 388
Hypoxia 136
Hypoxic insult 498

Ibotenate 498
Image analysis 285
Immunocytochemistry 108, 118, 207, 285 311,342, 531
In situ hybridization 394
Inflammation 44
Inflammatory syndrome 38
Injury 342
Intermediate filaments 60
Interneurons 129
Ionizing radiation 482
Ironside J.W. & Bell J.E. Review. The 'high risk' neuropathological autopsy in AIDS and Creutzfeldt-Jakob disease: principles and practice 388
Ironside J.W. Meeting report. Prion diseases: epidemiology and pathology 173
Ironside J.W. Prion diseases: update on Creutzfeldt-Jakob disease 446
Ironside J.W. see MacDonald S.T.
Ischaemia 136, 342, 350
Ischaemic damage 505
Isenmann S., Brandner S., Kuhne G., Boner J. & Aguzzi A. Comparative *in vivo* and pathological analysis of the blood-brain barrier in mouse telencephalic transplants 118
Isenmann S., Brandner S., Sure U. & Aguzzi A. Telencephalic transplants in mice: characterization of growth and differentiation patterns 108
Itakura C. see Hirai T.
Iwaki T. see Kondo A.
Iwase T. see Mitake S.

Jasan B. see Neal J.W.
Jellinger K. & Bancher C. Letter to the Editor 84
Jenkins H.G. see Butt A.M.
Johnston M. see Boulton M.

Kaaijk P., van den Berg F., Van Amstel P. & Troost D. Technical report. Cryopreservation of organotypic multicellular spheroids from human gliomas 548
Katada E. see Mitake S.
Keohane C. see Chrétien F.
Kimura T. see Kondo A.
King R.H.M. see Thomas P.K.
Kirvell S.L. see Butt A.M.
Kiss R. see Salmon I.
Knockout mice 483
Koch A., Tonn J., Krauss J.A., Sorensen N., Albrecht S., Wiestler O.D. & Pietsch T. Molecular analysis of the lissencephaly gene 1 (LIS-1) in medulloblastomas 233
Koga H. see Kondo A.
Kojima S. see Hirai T.
Kondo A., Baba S., Iwaki T., Hirai H., Koga H., Kimura T. & Takamatsu J. Hyperbaric oxygenation prevents delayed neuronal death following transient ischaemia in the gerbil hippocampus 350
Kotula L. see Wisniewski H.M.
Krauss J.A. see Koch A.
Kretzschmar H.A. see Bruck Y.
Kristensson K., Dastur D.K., Manghani D.K., Tsiang H. & Bentivoglio M. Review. Rabies: interaction between neurons and viruses. A review of the history of Negri inclusion bodies 179
Kuhne G. see Isenmann S.
Kyriades E. see Dickinson P.J.

Landon D.N. Obituary. Anita Elizabeth Harding 176
Lassmann H. see Bruck Y.
Lectin histochemistry 68
Lefaucher J-P., Gjata B. & Sebille A. Factors including mast cell accumulation in skeletal muscle 248
Lepidi H. see Putzu G.A.
LIS-1 233
Lissencephaly 233

© 1996 Blackwell Science Ltd.

LOH 233
Love S. see Chrétien F.
Low affinity neurotrophin receptor 434
Lymphatics 325

MacDonald S.T., Sutherland K. & Ironside J.W. Prion protein genotype and pathological phenotype studies in sporadic Creutzfeldt-Jakob disease 285
Macrophages 207
Manghani D.K. see Kristensson K.
Mann D.M.A. see Cooper P.N.
Mast cell 248
Matsukawa N. see Mitake S.
Matysak M.K. & Perry V.H. A comparison of leucocyte responses to heat-killed bacillus Calmette-Guérin in different CNS compartments 44
McConnell I. see Taylor D.M.
McConnell R. see Allen I.V.
McMahon J. see Allen I.V.
McQuaid S. see Allen I.V.
McRitchie D.A., Halliday G.M. & Pamphlett R. Diagnostic evaluation of the substantia nigra 228
mdx mice 248
Mechanisms, blunt head injury 505
Medulloblastoma 233
Meeting reports
Brain Research and Society: European Brain Bank Network 168
Second Workshop Neurogenetics/German Society of Neurogenetics 169
The Human Prion Diseases: Neuropathology, Pathobiology and Molecular Genetics 171
Prion Disease: Epidemiology and Pathology 173
XVI Winter Meeting of the Swiss Society of Neuropathology 261
The Fifth International Conference on Alzheimer's Disease and Related Disorders 463
Workshop on Diagnostic Histopathology in Bosnia-Herzegovina 553
The J. Douglas Memorial Meeting 556
Meningiomas 68
Merosin 30
Metallothionein 243
Methylazoxymethanol acetate 489
Micera A. see De Simone R.
Microglia 3, 17, 207
Microtubules 60
Microwave irradiation 256
Midbrain 228
Migration 87, 317
Mitake S., Katada E., Otsuka E., Matsukawa N., Iwase T., Tsugu T., Fujimori O. & Ojika K. Possible implication of hippocampal cholinergic neurostimulating peptide (HCNP)-related components in Hirano body formation 440
Mitchell J., Gatherer M. & Sundstrom L.E. Aberrant Timm-stained fibres in the dentate gyrus following tetanus toxin-induced seizures in the rat 129
Monaco S. see Passarin M.G.
Mongolian gerbil 350
Montague P. see Dickinson P.J.
Moretto G. see Passarin M.G.
Morphometric 285
Mossy fibres 129
Motor neuron disease 17
Mrak R.E. see Sheng J.G.
Muller U. see Graeber M.B.
Multiple sclerosis 54, 101, 199, 207, 540
Muscle hypotonia 77
Muscle regeneration 248
Myalgia 38
Myelin basic protein 54
Myelin mutants 87
Myelin proteins 269
Myocytes 3
Myofibrillar disruption 38
Myofibrillar myopathies 38

Nagano I., Shapshak P., Yoshioka M., Xin K-Q., Nakamura S. & Bradley W.G. Parvalbumin and calbindin D-28k immunoreactivity in dorsal root ganglia in acquired immunodeficiency syndrome 293
Nakamura S. see Nagano I.
Naturally occurring cell death 489
Neal J.W., Singhrao S.K., Jasan B. & Newman G.R. Immunocytochemically detectable metallothionen is expressed by astrocytes in the ischaemic human brain 243
Negri bodies 179
Nerve growth factor 54
Nerve growth factor receptor (p75) 54
Nervous system 179
Neural transplantation (mice) 108, 118
Neurofibrillary tangles 3, 12
Neurofilaments 373
Neurogenesis 469
Neuromelanin pigment 228
Neuron 179, 342, 526
Neuropathology 388
Newman G.R. see Neal J.W.
Nicoll J.A.R. Meeting report. The Fifth International Conference on Alzheimer's Disease and Related Disorders 463
Nicoll J.A.R. see Horsburgh K.
Notexin 248
Nucleoside disphosphatase 207

O'Leary M.T. see Targett M.P.
Obituaries
Clive J. Bruton 465
Anita Elizabeth Harding 176
Dr Derek Richter 370
Harry M. Zimmerman 82
Oedema 517
Ojika K. see Mitake S.

Olfactory system 531
Oligodendrocyte 87, 188, 199, 540
Oligodendroglioma 302
Organ culture 548
Organotypic culture of cerebellum 361
Otsuka E. see Mitake S.

Pamphlett R. & Treloar L. Astrocytes in the hypoglossal nuclei of sudden infant death syndrome (SIDS) infants: a quantitative study 136
Pamphlett R. see McRitchie D.A.
Parkinson's disease 228
Parvalbumin 293
Passarin M.G., Monaco S., Ferrari S., Giannini C., Rizzuto N. & Moretto G. Cytoskeletal changes in cultured human fibroblasts following exposure to 2,5-hexanedione 60
Pasteels J-L. see Salmon I.
Pathogenesis 256
Pellissier J-F. see Putzu G.A.
Perinatal hypoxia-ischaemia 494
Peripheral neuropathy 293, 77
Perry V.H. see Matysak M.K.
PGP 9.5 518
Phospholipase A2 248
Pick's disease 17
Pietsch T. see Koch A.
Pilkington G.J. see Finn P.E.
Planas A.M. see Ferrer I.
Plaques 3
Plasticity 129
Ploidy 68
plp gene 188
PNET 233
Polymerase chain reaction 394
Pontosubicular neuron necrosis 23
Prion diseases 446
Prion protein genotype 285
Proceedings of the British Neuropathological Society
91st Meeting 144
92nd meeting 447
Programmed cell death 483, 488
Proliferation 68, 108, 118, 302
Purnell P. see Finn P.E.
Putzu G.A., Figarella-Branger D., Baeta A.M., Lepidi H. & Pellissier J-F. Acquired multifocal myofibrillar disruption selective of type II fibres 38

Quantification 285

Rat 129
Referees 1995 2
Remmelinck M. see Salmon I.
Remyelination 87, 199
Reperfusion 342
Rex M. see Scotting P.J.
Rizzuto N. see Passarin M.G.
Roberds S.L. see Cullen M.J.
Robertson A.M. see Thomas P.K.
Robinson S.F.D. see Geddes J.F.
Rombaut K. see Salmon I.
Rubio I. see Coria F.
Rush R.A. see Gai W.P.

Sakai M. see Hirai T.
Salmon I., Camby I., Remmelinck M., Rombaut K., Pasteels J-L., Brotchi J., Kiss R. & Danguy A. Lectin histochemistry, ploidy level and proliferation indices in meningioma subtypes 68
Schmalbruch H. see Bornemann A.
Schwann cell 87
SCIP 302
Scolding N. see Targett M.P.
Scotting P.J. & Rex M. Review. Transcription factors in early development of the central nervous system 469
Scrapie agent 256
Scwhartz M. see Boulton M.
Sebille A. see Lefaucher J-P.
Segui J. see Ferrer I.
Semliki Forest Virus 540
Senile plaque 440
Shaking baby syndrome 513
Shapshak P. see Nagano I.
Sheep 325
Sheng J.G., Mrak R.E. & Griffin W.S.T. Apolipoprotein E distribution among different plaque types in Alzheimer's disease: implications for its role in plaque progression 334
Shimada A. see Hirai T.
Siddons C.A. see Cooper P.N.
Singhrao S.K. see Neal J.W.
Skeletal muscle 248
Skin 44
Small J.R. see Thomas P.K.
Sorensen N. see Koch A.
Spinal cord 325, 518
Spine formation 361
Spongiform encephalopathy 285
Steinbach J.P. & Aguzzi A. Meeting report. XV1 Winter Meeting of the Swiss Society of Neuropathology, St Moritz, 20–23 March 1996 261
Stroke 216
Substantia nigra 228
Sudden infant death syndrome 136
Sundstrom L.E. see Mitchell J.
Sure U. see Isenmann S.
Sussman J. see Targett M.P.
Sutcliffe J.C. see Geddes J.F.
Sutherland K. see MacDonald S.T.
Symposia
Brain tumours 405
Recent advances in fetal and neonatal neuropathology 482
Trauma to the brain and spinal cord in children and adults: current concepts of pathology and clinical management 504

Takamatsu J. see Kondo A.
Targett M.P., Sussman J., Scolding N., O'Leary M.T., Compston D.A.S. & Blakemore W.F. Failure to achieve remyelination of demyelinated rat axons

following transplantation of glial cells obtained from the adult human brain 199
Tauer U., Volk B. & Heinrich B. Differentiation of Purkinje cells in cerebellar slice cultures: an immunocytochemical and Golgi EM study 361
Taylor D.M. & Diprose M.R. The response of the 22A strain of scrapie agent to microwave irradiation compared with boiling 256
Taylor D.M. & McConnell I. Letter to the Editor. Unconventional transmissible agents in dura mater: significance for iatrogenic Creutzfeldt-Jakob disease 259
Tenenbaum L., Teugels E., Dogusan Z., Avellan-Adalid V. & Hooghe-Peters E.L. Plastic phenotype of human oligodendroglial tumour cells *in vitro* 302
Teugels E. see Tenenbaum L.
Thomas P.K., King R.H.M., Small J.R. & Robertson A.M. Review. The pathology of Charcot-Marie-Tooth disease and related disorders 269
Timm stain 129
Tirassa P. see De Simone R.
Tonn J. see Koch A.
Transcription factor 469, 488
Transgenic mice 108
Transgenic mouse models 373
Transplantation 87, 199
Trauma 518
Traumatic axonal injury 509
Traumatic brain injury 514
Treatment 505
Treloar L. see Pamphlett R.
Troost D. see Kaaijk P.
Tsiang H. see Kristensson K.
Tsugu T. see Mitake S.
Tubular aggregates 38
Tumour suppressor 233
Tutton M.G. see Butt A.M.
Type II fibres 38
2,5-hexanedione 60

Ubiquitin 518
UCHT1 361
Umemura T. see Hirai T.

Van Amstel P. see Kaaijk P.
van den Berg F. see Kaaijk P.
Vascular dementia 216
Ventricle 44
Viral infections 179
Virus 179
Vital C. see Chrétien F.
Volk B. see Tauer U.
Vowles G.H. see Geddes J.F.

Walsh J. see Cullen M.J.
Wegiel J. see Wisniewski H.M.
Weller R.O. Editorial 1
Weller R.O. Meeting report. Brain research and society: European Brain Bank Network 168
Wiestler O.D. see Koch A.
Wingertsmann L. see Chrétien F.
Wisniewski H.M., Wegiel J. & Kotula L. Review. David Oppenheimer Memorial Lecture 1995. Some neuropathological aspects of Alzheimer's disease and its relevance to other disciplines 3

Xin K-Q. see Nagano I.

Yoshioka M. see Nagano I.
Young A. see Boulton M.

Zhou X.F. see Gai W.P.